

## Recombinant Human NUDT1, GST-tagged

Cat. No. NUDT1-1398H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NUDT1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	C-term-179aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	NUDT1 nudix (nucleoside diphosphate linked moiety X)-type motif 1 [ Homo sapiens ]
<b>Official Symbol</b>	NUDT1
<b>Synonyms</b>	NUDT1; nudix (nucleoside diphosphate linked moiety X)-type motif 1; MTH1; 7,8-dihydro-8-oxoguanine triphosphatase; 7; 8 dihydro 8 oxoguanine triphosphatase; 8 oxo 7; 8 dihydrodeoxyguanosine triphosphatase; 8 dihydroguanosine triphosphatase; 8 oxo dGTPase; mutT human homolog 1; nucleoside diphosphate linked moiety X

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type motif 1; nudix motif 1; 8-oxo-dGTPase; 2-hydroxy-dATP diphosphatase; 8-oxo-7,8-dihydroguanosine triphosphatase; 8-oxo-7,8-dihydrodeoxyguanosine triphosphatase; nucleoside diphosphate-linked moiety X motif 1; nucleoside diphosphate-linked moiety X-type motif 1;

**Gene ID** [4521](#)

**mRNA Refseq** [NM\\_002452](#)

**Protein Refseq** [NP\\_002443](#)

**MIM** [600312](#)

**UniProt ID** [P36639](#)

**Chromosome Location** 7p22

**Pathway** oxidized GTP and dGTP detoxification, organism-specific biosystem; oxidized GTP and dGTP detoxification, conserved biosystem;

**Function** 8-oxo-7,8-dihydrodeoxyguanosine triphosphate pyrophosphatase activity; 8-oxo-7,8-dihydroguanosine triphosphate pyrophosphatase activity; GTPase activity; hydrolase activity; metal ion binding;

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